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Bicycle and Pedestrian Program

Collision Analysis 2003 2nd Quarter Report Rev. 2

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**City of San José, Bicycle and Pedestrian Program
Collision Analysis
2003 2nd Quarter Report**

Background and Introduction

To evaluate Traffic Collisions, the City of San José's Department of Transportation (DOT) obtains copies of Traffic Collision Reports (TCR) occurring in San Jose, which are prepared by the San Jose Police Department (SJPd) at the time of the collision. DOT then collects basic collision data using proprietary software called Traffic Accident Prevention System (TAPS). DOT staff enters approximately 14,000 TCR's into TAPS each year.

The City of San José Bicycle Pedestrian Program provides additional analysis of all TCR's involving bicyclists or pedestrians. This analysis is summarized and submitted by DOT staff for review by the City of San José's Bicycle Pedestrian Advisory Committee (BPAC).

Collisions are classified based on a system of assigning the party more at fault with one of a few crash types. The 2003 California Vehicle Code was referenced in regards to assigning fault in each collision.

Attached is the report for bicycle or pedestrian collisions that occurred during the second quarter of 2003.

I. BICYCLE COLLISION DATA

In the second quarter of 2003, there were:

- 74 bicycle collisions¹.
- 12 Hit and Run collisions (9 drivers and 3 bicyclists fled scene)².

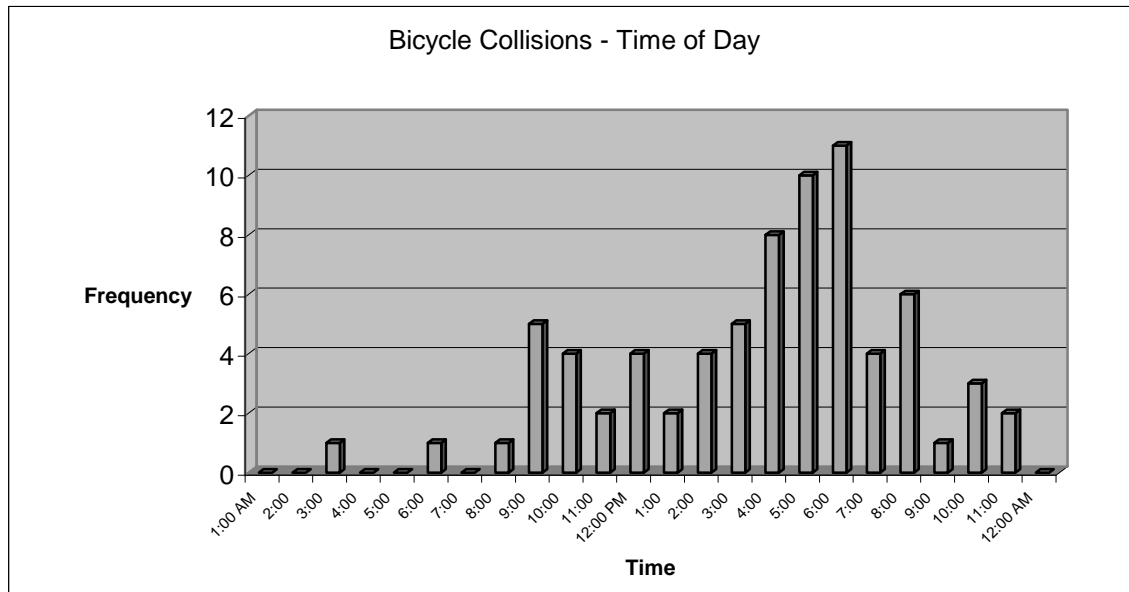
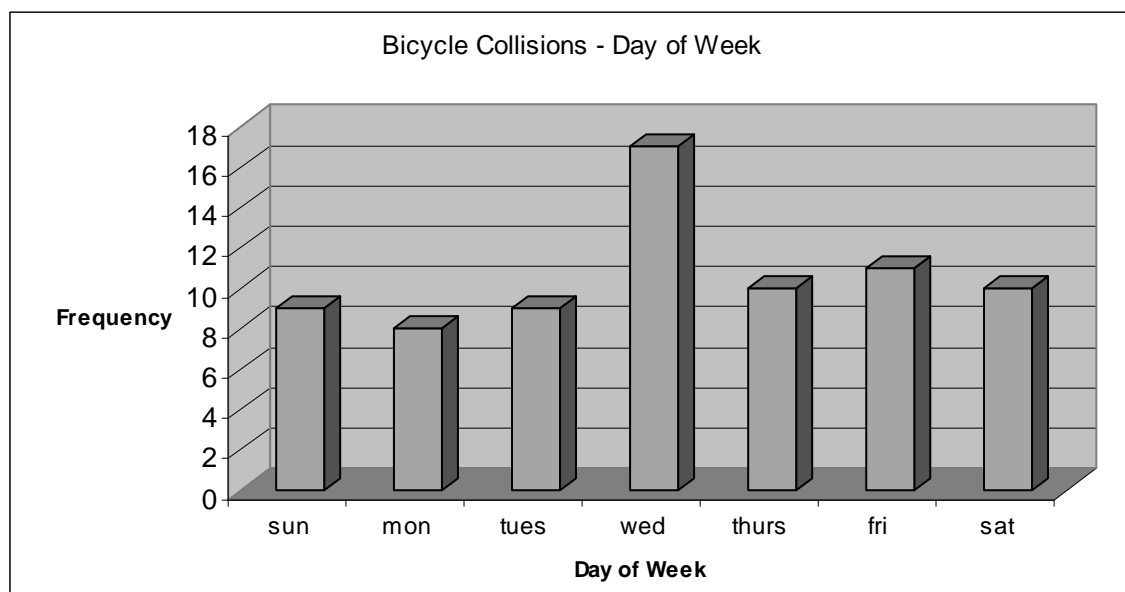


Figure 1.1³



¹ Data as of 8/5/2003. Note that crash data may change slightly as a result of late reports and changing medical conditions.

² Legally, fleeing the scene does not necessarily render a Party at Fault.

³ Some TCR's may not contain complete data. Therefore, total numbers for different fields of data may not be identical.

Figure 1.2

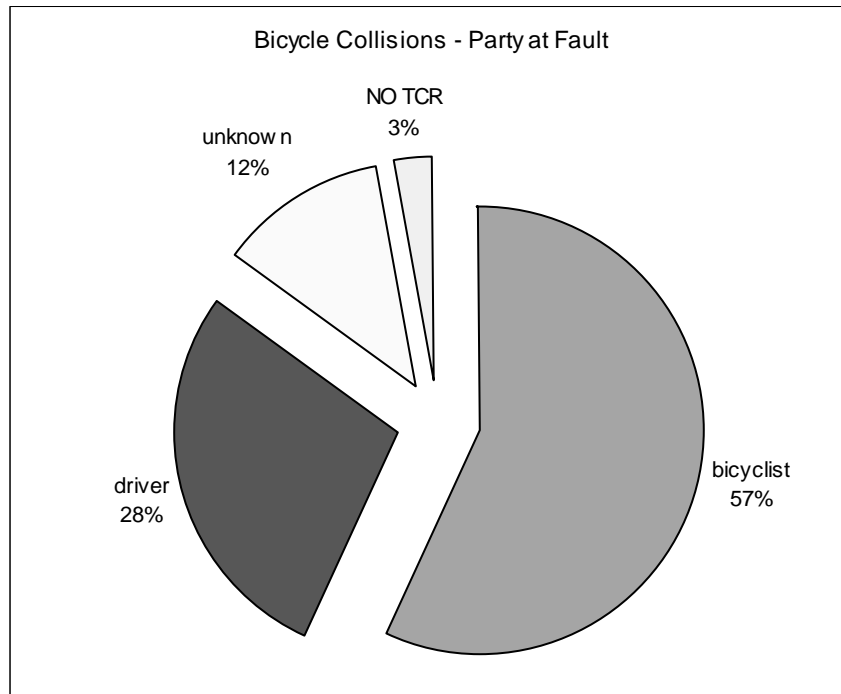


Figure 1.3 (see table 1.1)

Bicycle Collisions - Party at Fault		
primary		63
	bicyclist	42
	driver	21
unknown		9
no tcr		2
total		74

Table 1.1

Bicyclist at Fault

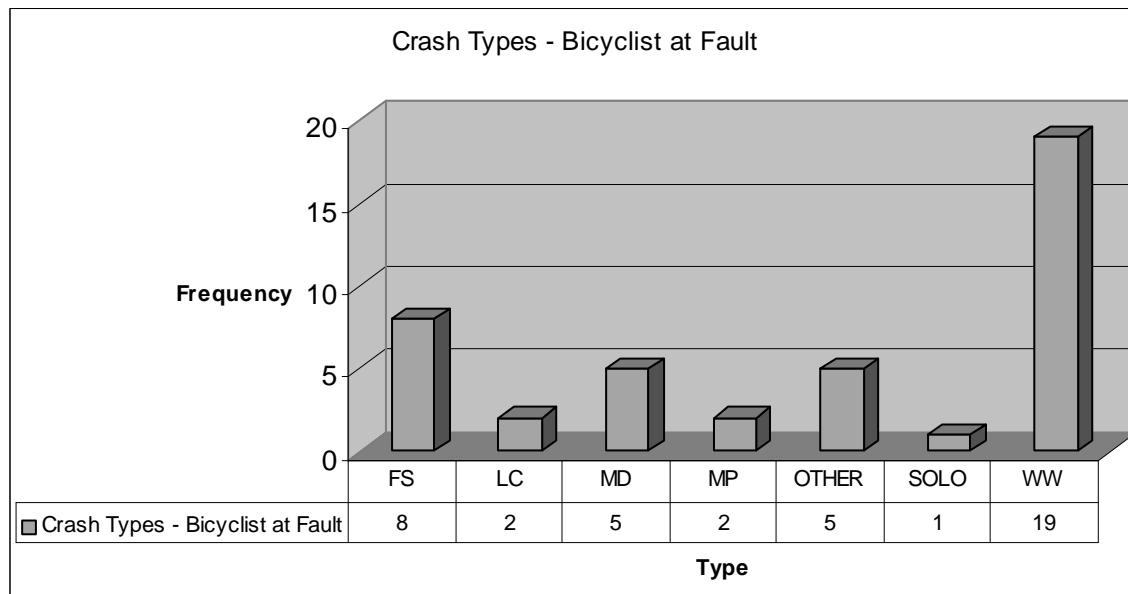


Figure 1.4

Crash Type Abbreviations and Descriptions

WW	<i>Wrong Way</i> : Bicyclist riding on wrong side of roadway.
MP	<i>Mid-Block Pull-Out</i> : Bicyclist riding from driveway onto roadway.
MD	<i>Mid-Block Dash</i> : Bicyclist attempts to cross roadway when unsafe to do so at a mid-block location.
FS	<i>Failure to Yield, Stop Sign/Signal</i> : Bicyclist does not stop at stop sign or crosses a roadway against the signal.
LC	<i>Lane Change</i> : Bicyclist changes lane in an unsafe manner.
SOLO	<i>Solo</i> : Accident involving a bicyclist only.
OTHER	<i>Other</i> : Crash type not defined by any of the types above (eg. Faulty bike components, towed by vehicle, jumping off curb into oncoming traffic).

Driver at Fault

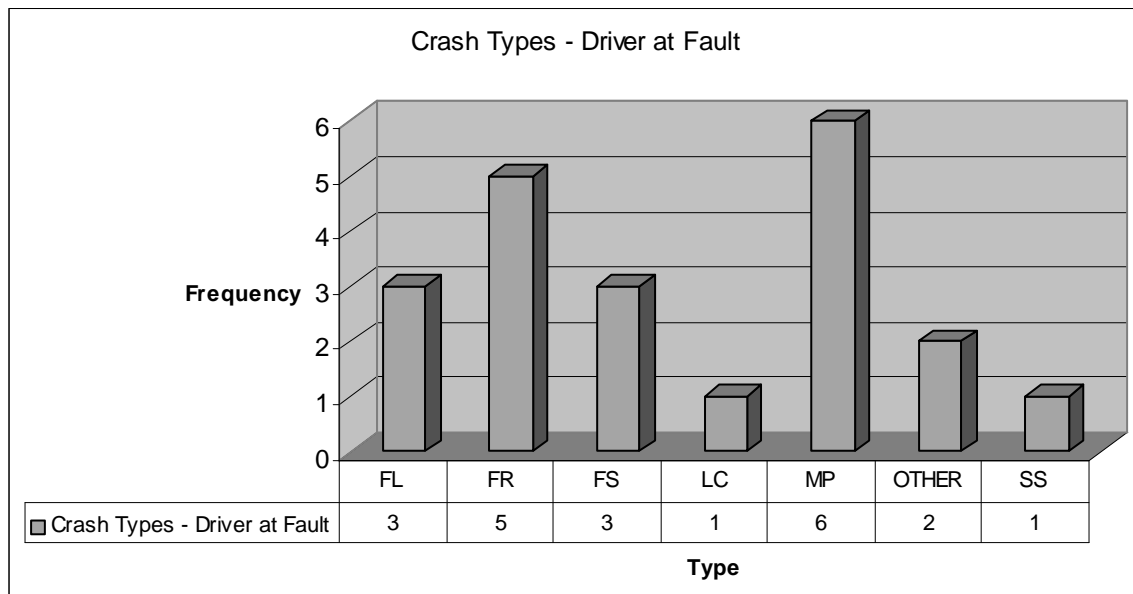


Figure 1.5

Crash Type Abbreviations and Descriptions

MP	<i>Mid-Block Pull-In/Out</i> : Driver pulls into or out of driveway.
FS	<i>Failure to Yield, Stop Sign/Signal</i> : Driver does not stop at stop sign or crosses a roadway against the signal.
FL	<i>Failure to Yield, Left Turn</i> : Driver making a left turn does not yield to bicyclist.
FR	<i>Failure to Yield, Right Turn</i> : Driver making a right turn does not yield to bicyclist.
LC	<i>Lane Change</i> : Driver changes lane in an unsafe manner.
OTHER	<i>Other</i> : Crash type not defined by any of the types above (eg. Speeding, opened car door, rear end bicycle).
SS	<i>Sideswipe</i> : Driver drives too close to bicyclist and hits bicyclist usually with side view mirror.

Age of Bicyclist at Fault

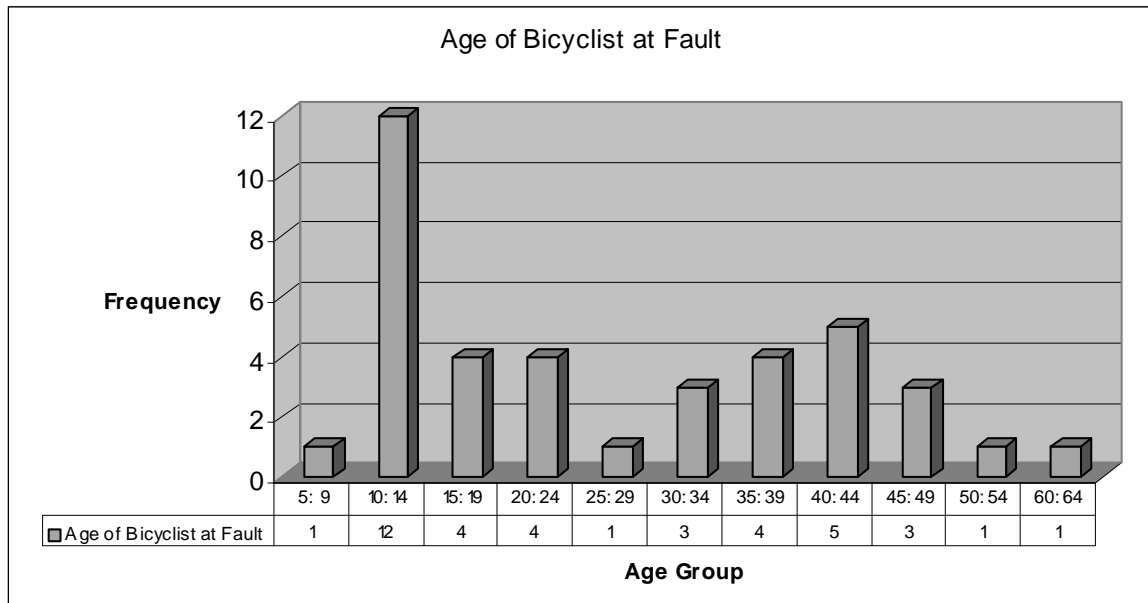


Figure 1.6

Age of Driver at Fault

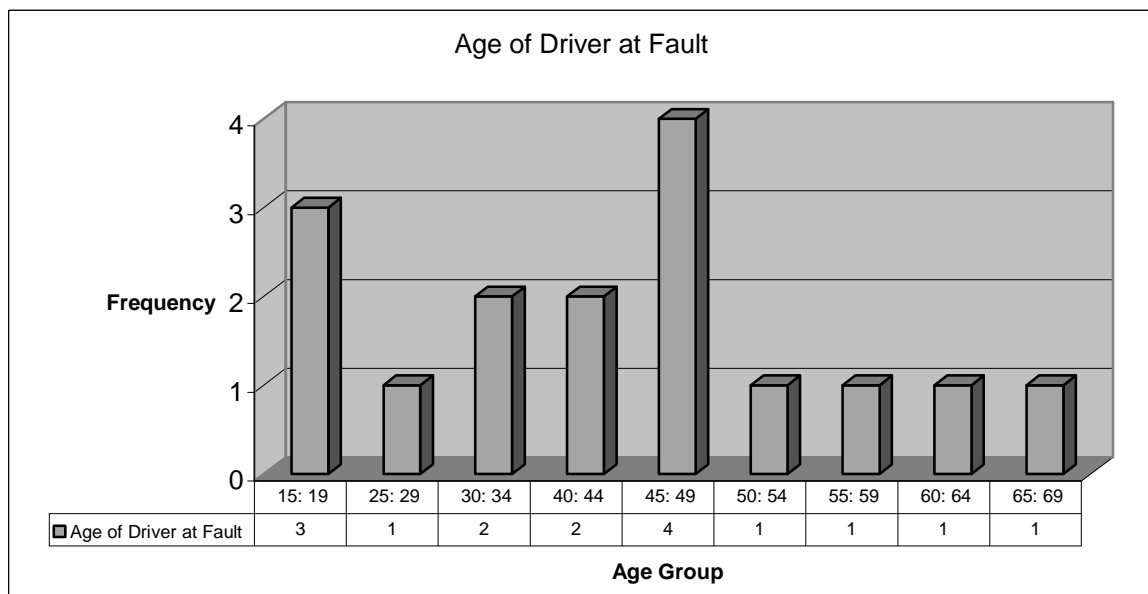


Figure 1.7

II. PEDESTRIAN COLLISION DATA

In the second quarter of 2003, there were:

- 67 pedestrian collisions (2 fatal)⁴.
- 11 Hit and Run Collisions (11 Drivers fled scene)⁵.

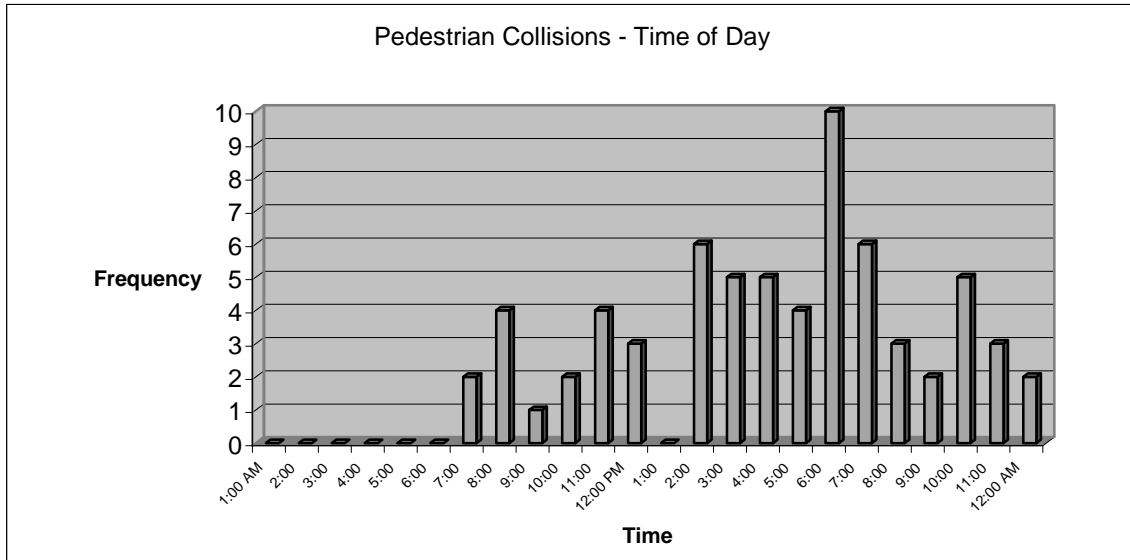


Figure 2.1

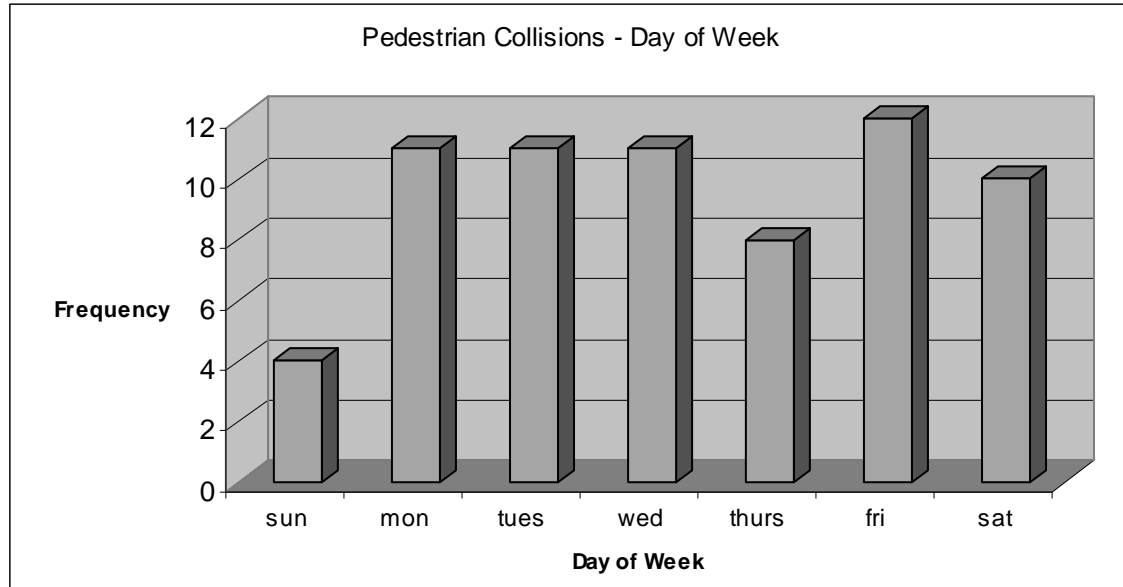


Figure 2.2

⁴ Data as of 8/29/2003.

⁵ Not including 2 hit and run collisions occurring on private property.

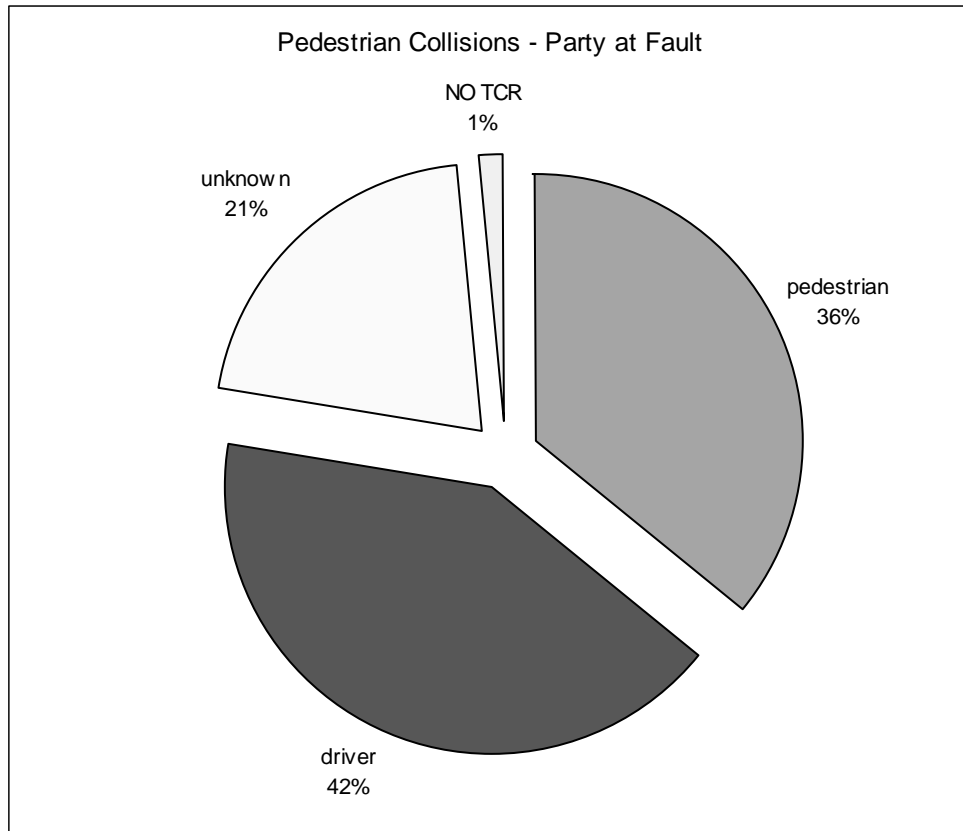


Figure 2.3 (see table 2.1)

Pedestrian Collisions - Party at Fault		
primary		52
	<i>pedestrian</i>	24
	<i>driver</i>	28
unknown		14
no tcr		1
total		67

Table 2.1

Pedestrian at Fault

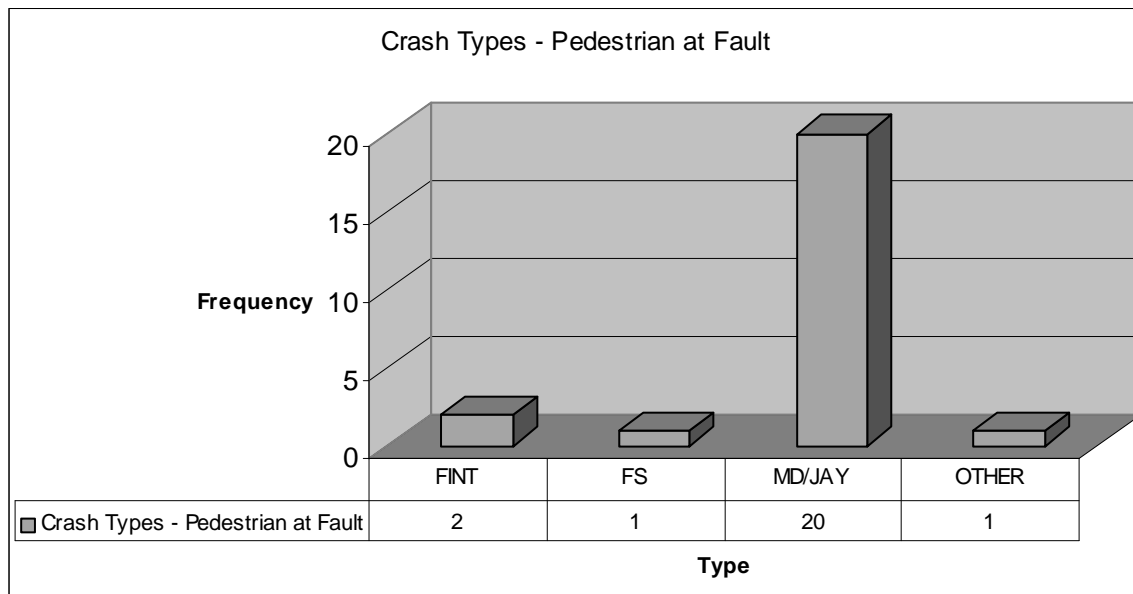


Figure 2.4

Crash Type Abbreviations and Descriptions

MD/JAY	<i>Mid-Block Dash/Jaywalking</i> : Pedestrian crosses a roadway at mid-block and in a non-crosswalk.
FS	<i>Failure to Yield, Stop Sign/Signal</i> : Pedestrian crosses a roadway against the signal
FINT	<i>Failure to Yield in Intersection</i> : Pedestrian does not yield to a driver in the intersection.
Other	<i>Other</i> : Crash type not defined by any of the types above.

Driver at Fault

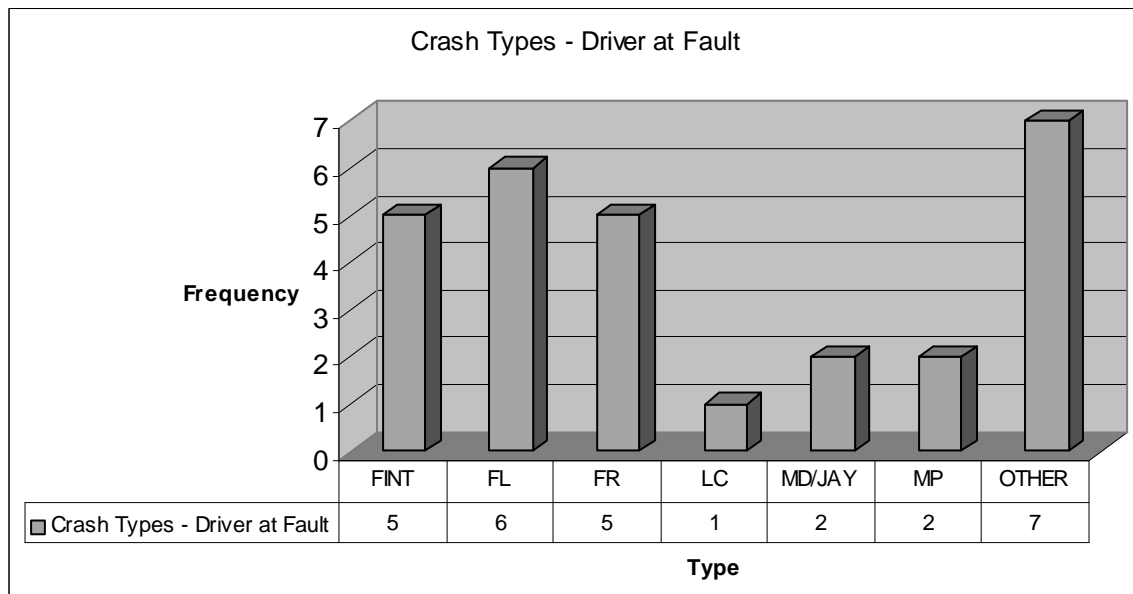


Figure 2.5

Crash Type Abbreviations and Descriptions

MP	<i>Mid-Block Pull-In/Out</i> : Driver pulls into or out of driveway.
FS	<i>Failure to Yield, Stop Sign/Signal</i> : Driver does not stop at stop sign or crosses a roadway against the signal.
FL	<i>Failure to Yield, Left Turn</i> : Driver making a left turn does not yield to pedestrian.
FR	<i>Failure to Yield, Right Turn</i> : Driver making a right turn does not yield to pedestrian.
FINT	<i>Failure to Yield in Intersection</i> : Driver does not yield to a pedestrian in the intersection.
O	<i>Other</i> : Crash type not defined by any of the types above.
SS	<i>Sideswipe</i> : Driver drives too close to bicyclist and hits pedestrian usually with side view mirror.

Age of Pedestrian at Fault

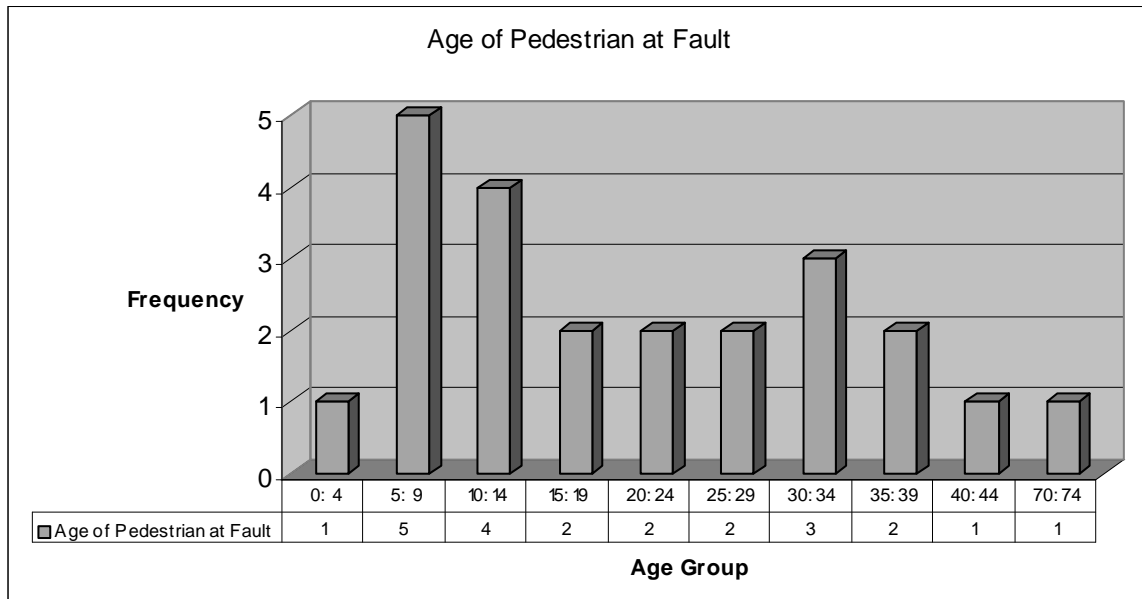


Figure 2.6

Age of Driver at Fault

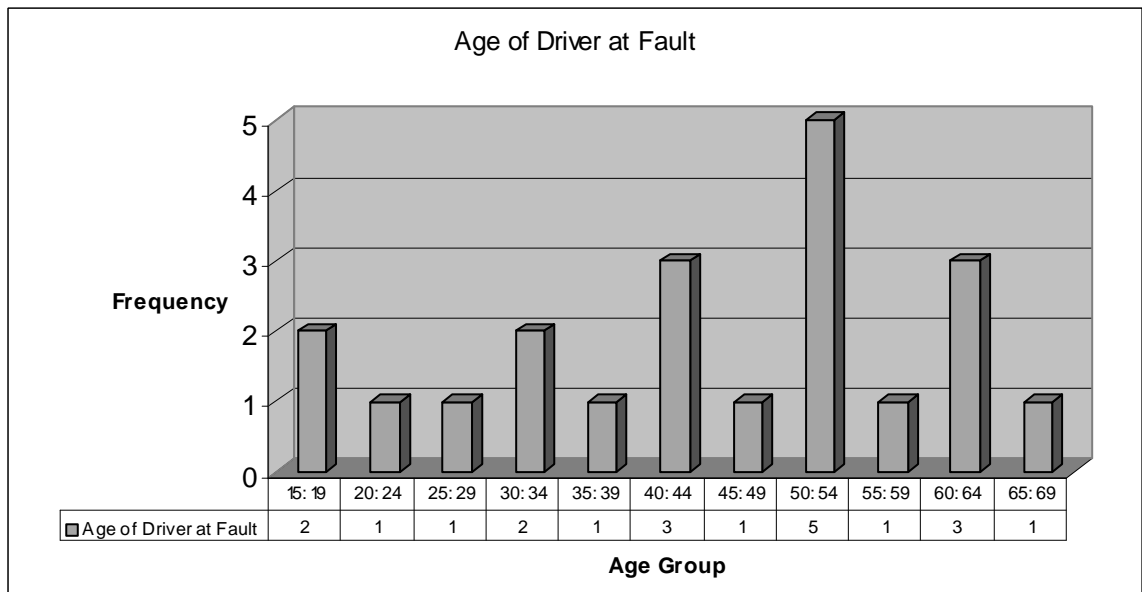


Figure 2.7